

November 10, 2015

**BALDWIN COUNTY PROJECT NO. 0218014
REPLACE CROSSDRAINS DAMAGED FROM
04/29/2014 RAIN EVENT**

ADDENDUM NO. 1

TO ALL BIDDERS ON THE ABOVE REFERENCED PROJECT:

Sheet 2-2G, 3-3B, and 37 of the Plans have been revised and are attached to this addendum.

A summary of the **change(s)** to the Plan Sheets Includes:

Sheet 2-2F: "Typical Sections"

- Detail of Typical Pipe Joint was added.

Please replace Sheet 2-2F, Typical Sections, in the plans.

Sheet 2G: "Project Notes"

- Note 703 where it states BC300-224 should state BC300-024.

Please replace Sheet 2G, Project Notes, in the plans.

Sheet 3-3B: "Summary of Quantities"

- Pay Item No. 737A-000 Dynamic Message Sign, Quantity 4, is being removed.
- Pay Item No. 742A-003 Portable Changeable Message Sign, Type 3, Quantity 4, is being added.

Please replace Sheet 3-3B, Summary of Quantities, in the plans.

Sheet 37: "Traffic Control Plan – Sequence of Construction"

- Note 703 where it states BC300-224 should state BC300-024.

Please replace Sheet 37, Traffic Control Plan – Sequence of Construction, in the plans.

Item I, ADVERTISEMENT FOR BIDS, in the Documents and Construction Specifications has been revised and is attached to this addendum.

- ONE HUNDRED TWENTY (150) CALENDAR DAYS changed to read ONE HUNDRED FIFTY (150) CALENDAR DAYS

Item III, PROPOSAL, in the Documents and Construction Specifications has been revised and is attached to this addendum.

- ONE HUNDRED TWENTY (150) CALENDAR DAYS changed to read ONE HUNDRED FIFTY (150) CALENDAR DAYS
- Pay Item No. 737A-000 Dynamic Message Sign, Quantity 4, is being removed.
- Pay Item No. 742A-003 Portable Changeable Message Sign, Type 3, Quantity 4, is being added.

Please replace the sheets that include the ADVERTISEMENT & PROPOSAL in the Documents and Construction Specifications with the attached new sheets for the ADVERTISEMENT & PROPOSAL for the above referenced project.

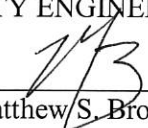
The bidders on this project will be required to return a signed copy of this Addendum to Matthew S. Brown (FAX: 251-937-0201 or EMAIL: msbrown@baldwincountyal.gov) or Stacy Appleton, (sappleton@baldwincountyal.gov) prior to Monday, November 16, 2015 at 2:00 A.M.

If you have any questions regarding this addendum, please call. A copy of this addendum, signed by the contractor's representative must accompany each bid.

Sincerely,

CAL MARKERT, P.E.
COUNTY ENGINEER

By: _____


Matthew S. Brown
Design Engineer

SIGNED:

Contractor's Representative

Date

Company



BALDWIN COUNTY

HIGHWAY DEPARTMENT




P.O. Box 220
SILVERHILL, ALABAMA 36576
TELEPHONE: (251) 937-0371
FAX (251) 937-0201

CAL MARKERT, P.E.
COUNTY ENGINEER



Utility Information for: **BCP# 0218014 (Anchor Sites)** Culvert Restorations

Statement: The following information should only be used for informational purposes; utilities shall be checked by the contractor on site to verify current site conditions. The following information was compiled to the best of our knowledge but it is the responsibility of the contractor to determine actual conditions.



Color Guide:

-  Green sites have no known utility conflicts
 -  Yellow sites have not yet been determined
 -  Red sites have known utility conflicts
-


BC300-014 – CR 91

-  Perdido Bay Water – Has a 6" main 23' from EOP @ 14" deeper than the existing pipe. They do not think it will be in conflict.
-  Century Link has a 50 pair on the west side and a 50 pair on the east side. Conflict not determined.



BC300-024 – CR 97

-  Baldwin County Sewer has an 8" sewer main on the east side of the road. They say this line was bored and is deep enough it should not be in conflict.
-  Century Link has a 50 pair on the east side. Conflict not determined.



BC300-043 – CR 20

-  Century Link has a 25 pair on the east side. Conflict not determined.


BC300-051 – CR 87

-  Baldwin County Sewer has a 4" sewer main on the east side of the road. They say this line was bored and is deep enough it should not be in conflict.
-  Century Link has a 100 pair on the east side. Conflict not determined.



BC300-052 – CR 87

-  Baldwin County Sewer has a 4" sewer main on the east side of the road. They say this line was bored and is deep enough it should not be in conflict.
-  Century Link has a 100 pair on the east side. Conflict not determined.



BC300-053 – Stucki Rd

-  Century Link has a 25 pair on the west side. Conflict not determined.

BC300-055 – Feely Rd

-  Baldwin County Sewer has a 4" sewer main on the east side of the road. They say this line was bored and is deep enough it should not be in conflict.
-  Century Link has a 50 pair on the north side. Conflict not determined.

BC300-112 – CR 95

-  Baldwin County Sewer has a 4" sewer main on the east side of the road. They say this line was bored and is deep enough it should not be in conflict.
-  Century Link has a 300 pair on the east side. Conflict not determined.

BC300-118 – CR 95

- ☐ Baldwin County Sewer has an 8" sewer main on the west side of the road, conflict not determined.
- ☐ Riviera has a 4" gas main on the east side of the road. It is about 3' deep and 19' from the edge of pavement. Conflict not determined.
- ☐ Century Link has a 50 pair on the east side. They also have an empty conduit for future use on the east side. Conflict not determined.

BC300-121 – CR 26

- ☐ Century Link has a 25 pair on the south side. Conflict not determined.

BC300-182 – Soldiers Creek Rd

- ☒ Baldwin County Sewer has a 6" sewer main on the north side of the road. They say this line was bored and is deep enough it should not be in conflict.
- ☐ Century Link has a 100 pair on the east side. Conflict not determined.

BC300-185 – CR 87

- ☒ Baldwin County Sewer has a 2" sewer main on the north side of the road and was directionally bored and should be deep enough and out of conflict...possibly inactive.
- ☐ Century Link has a 50 pair on the north side. Conflict not determined.

BC300-198 – Wolf Field Rd

- ☐ Century Link has a 12 pair under the road. Conflict not determined.

BC300-208 – Clubhouse Dr

- ☒ Baldwin County Sewer has a 3" sewer main on the east side of the road close to the back of the right of way and should not be in conflict.
- ☐ Century Link has 2 – 400 pairs and a fiber line on the east side. Conflict not determined.

BC300-224 – Maidmont Ln

- ☐ Century Link has a 25 pair on the south side. Conflict not determined.

BC300-228 – Fish Trap Rd

- ☐ Baldwin County Sewer has a 6" sewer main on the south side of the road and on the back of the right of way, conflict not yet determined.
- ☐ Century Link has a 50 pair on the north side. Conflict not determined.

BC300-231 – CR 91

- ☐ Century Link has a 25 pair on the east side and a 50 pair on the west side. Conflict not determined.

BC300-232 – CR 91

- ☐ Century Link has a 25 pair on the east side and a 50 pair on the west side. Conflict not determined.

BC300-246 – Stucki Rd

- ☐ Century Link has a 150 pair on the west side. Conflict not determined.

BC300-248 – CR 95

- ☒ Baldwin County Sewer has a 4" sewer main on the west side of the road. They say this line was bored and is deep enough it should not be in conflict.
- ☐ Orange Beach Sewer – Has a 6" sewer main on the west side of the road, conflict not determined
- ☐ Century Link has a 150 pair on the east side. Conflict not determined.

BC300-252 – Hammock Rd

- ☐ Century Link has 2 – 25 pairs on the east side. Conflict not determined.

BC300-283 – CR 20

- ☐ Riviera has a 2" gas main 21' from edge of pavement. It is in the ditch with the water line. Conflict not yet determined.
- ☐ Riviera has a water line at the same location as the gas line. Conflict not yet determined.
- ☒ Century Link has fiber and at least a 300 pair on the north side with possible conflicts. Century Link would like to look at this with the contractor before work begins.

ITEM I

ADVERTISEMENT FOR BIDS

Sealed proposals will be received by the Purchasing Department for the Baldwin County Commission, Baldwin County, Alabama, in the offices located at 257 Hand Avenue, Bay Minette, Alabama, 36507, until **2:00 PM on November 16, 2015**, and then publicly opened for furnishing all labor and materials, and performing all work required by Baldwin County and described as follows:

PROJECT NO. BCP 0218014 REPLACE CROSSDRAINS DAMAGED FROM THE 04/29/2014 RAIN EVENT

ONE HUNDRED FIFTY (150) CALENDAR DAYS are allowed for the construction of the project.

All bids must be on blank forms provided in the Specifications and submitted in its entirety. **A cashier's check drawn on an Alabama bank or a Bidder's Bond, payable to Baldwin County, Alabama, for an amount not less than five percent (5%) of the amount bid, but in no event more than ten thousand dollars, shall be filed with the proposal. The bidder's bond shall be prepared on the form specified and signed by a bonding company authorized to do business in the State of Alabama.**

A performance bond in the form and terms approved by the County in an amount not less than the contract price will be required at the signing of the contract. A labor and materials bond in the form and terms approved by the County in an amount not less than fifty percent (50%) of the contract price insuring payment for all labor and materials shall also be required at the signing of the contract. In addition, the Contractor must furnish to the County at the time of the signing of the contract a certificate of insurance coverage as provided in the specifications. The right is reserved to reject any and/or all bids and to waive informalities or irregularities and to furnish any item of material or work to change the amount of said Contract.

Liquidated damages for non-completion of the work within the time limit agreed upon will be assessed in accordance with the terms of the contract.

Specifications are on file and may be obtained in the office of the Baldwin County Highway Department, 22070 State Highway 59, Central Annex II, 3rd Floor. Plans and specifications may be obtained by contacting Stacy Appleton at 251-972-8564. No specifications will be issued to contractors later than twenty-four (24) hours prior to the time indicated above for receiving bids.

A **Pre-Bid conference** will be held on **November 9, 2015 at 2:00 PM** in the Baldwin County Purchasing Conference Room located at 257 Hand Avenue, Bay Minette, Alabama, 36507. It would be in the best interest of the bidders to have a representative present at the pre-bid conference.

No bids will be considered unless the bidder, whether resident or non-resident of Alabama, is properly qualified to submit a proposal for this construction in accordance with all applicable laws of the State of Alabama. This shall include evidence of holding a current license from the State Licensing Board for General Contractors, Montgomery, Alabama, as required by Chapter

8 of Title 34, of the Code of Alabama (1975). In addition, non-residents of the State, if a corporation or any other entity, shall show evidence of having qualified with the Secretary of State to do business in the State of Alabama, if required by law.

No bid shall be withdrawn for a period of thirty (30) days subsequent to the opening of bids without the consent of the County Commission of Baldwin County, Alabama.

COUNTY COMMISSION OF
BALDWIN COUNTY, ALABAMA

CHARLES F. GRUBER
Chairman, Baldwin County Commission

ITEM III
PROPOSAL

DATE: _____

Proposal of _____, Alabama License No. _____, for replacing crossdrains damaged from the 04/29/14 rain event, **Project No: BCP 0218014**; for the performance of all work and the furnishing of all labor and materials required by the Contract terms, specifications, and special provisions.

The specifications are attached hereto and specified and made a part hereof.

TO: **The County Commission of Baldwin County**

Dear Sirs:

The following proposal is made on behalf of _____ and no others. Evidence of _____'s authority to submit the proposal is herewith furnished.

The proposal is made without collusion on the part of any person, firm, or corporation. _____ certifies that _____ has carefully examined the plans for this project and the specifications attached hereto, including the special provisions, and has also personally examined the site of work. On the basis of the specifications and plans, _____ proposes to furnish all necessary machinery, tools, apparatus, and other means of construction, and do all the work and furnish all the material in the manner specified. _____ further agrees to complete all the work in **ONE HUNDRED FIFTY (150) CALENDAR DAYS.**

_____ understands that the quantities below are approximate only and are subject to either increase or decrease, and hereby proposes to perform any increased or decreased quantities of work at the price bid, subject to adjustments as specified in Section 104 of the Alabama Department of Transportation Standard Specifications for Highway Construction, 2012 Edition manual.

_____ further proposes to perform all "Force Account or Extra Work" that may be required of _____ on the basis provided in the Specifications attached hereto, and to give such work the personal attention necessary in order to see that it is economically and timely performed.

_____ further proposes to execute the attached Contract as soon as the work is awarded to _____ and to begin and complete the work within the respective time limit provided for in the Specifications and Notice to Contractors hereto attached.

_____ also proposes to furnish a Contract Performance Bond, approved by the Owner, in an amount equal to the total amount of the bid. This bond shall serve not only to guarantee the completion of the work on _____'s part, but also to guarantee the excellence of both workmanship and materials until the work is finally accepted.

_____ encloses a cashier's check for _____ Dollars
\$ _____ or bid bond in the form specified for five (5%) percent of

_____ 's bid (not to exceed \$10,000.00 Dollars) and hereby agrees that, in case of _____ 's failure to execute a Contract and furnish Bond within 10 days after notice of award, the awarding authority shall retain from the proposed guaranty, if it be a cashier's check, or recover from the principal or the sureties, if the guaranty be a bid bond, the difference between the amount of the contract as awarded and the amount of the proposal of the next lowest bidder. If no other bids are received, the full amount of the proposal guaranty shall be so retained or recovered as liquidated damages for such default. It is understood that, in case the work is not awarded to _____, the check will be returned as provided in

the Specifications hereto attached.

Signature of Bidder (If Firm or Individual) _____

By: _____

Address of Bidder _____

Name and Address of Member of Firm _____

Signature of Bidder (Corporation) _____

_____ Business Address _____

President

_____ Business Address _____

Secy. & Treas.

Attest: _____ Incorporated in _____

State

(Corporate Seal)

PROJECT NO. **BCP 0218014**

The following items shall be constructed in accordance with the *Alabama Department of Transportation Standard Specifications for Highway Construction*, 2012 Edition, except as modified herein:

NOTES:

1. The following unit prices shall include all labor, materials, equipment rental, overhead, profit, insurance, costs, expenses, etc., to cover the finished work.
2. The Bidder understands that the Owner reserves the right to reject any and all bids.
3. The Bidder understands that he must submit this entire booklet with the bid.

ITEM	DESCRIPTION	QTY	UNIT	UNIT PRICE	AMOUNT
206C023	REMOVING RIP RAP	395	SQ YD		
206D000	REMOVING PIPE	970	LF		
206E000	REMOVING HEADWALLS	10	EA		
210A000	UNCLASSIFIED EXCAVATION	6190	CU YD		
210C000	MUCK EXCAVATION & REMOVAL	690	CU YD		
210D022	BORROW EXCAVATION (LOOSE TRUCKBED MEASUREMENT) (A-2-4(0) OR A-4(0))	6190	CU YD		
214A001	FOUNDATION BACKFILL, COMMERCIAL	715	CU YD		
215B000	COFFERDAMS OR SHEETING AND SHORING	14	EA		
230A000	ROADBED PROCESSING	30	RDST		
301A012	CRUSHED AGGREGATE BASE COURSE, TYPE B, PLANT MIXED, 6" COMPACTED THICKNESS	2580	SQ YD		
401A000	BITUMINOUS TREATMENT A	1240	SQ YD		
424A340	SUPERPAVE BITUMINOUS CONCRETE WEARING SURFACE LAYER 1/2" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE A/B (220 LBS/SY)	492	TON		
424B666	SUPERPAVE BITUMINOUS CONCRETE LOWER BINDER LAYER 1" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE A/B (300 LBS/SY)	703	TON		

430B003	AGGREGATE SURFACING (ALDOT #57)	500	TON		
502A000	STEEL REINFORCEMENT	27231	LBS		
530A003	30" ROADWAY PIPE (CLASS 3 R.C.)	40	LF		
530A004	36" ROADWAY PIPE (CLASS 3 R.C.)	80	LF		
530A006	48" ROADWAY PIPE (CLASS 3 R.C.)	520	LF		
530A007	54" ROADWAY PIPE (CLASS 3 R.C.)	120	LF		
530A008	60" ROADWAY PIPE (CLASS 3 R.C.)	80	LF		
530B003	36" SPAN, 23" RISE ROADWAY PIPE (CLASS 3 R.C.)	120	LF		
530B004	44" SPAN, 27" RISE ROADWAY PIPE (CLASS 3 R.C.)	392	LF		
530B006	59" SPAN, 36" RISE ROADWAY PIPE (CLASS 3 R.C.)	480	LF		
530B008	73" SPAN, 45" RISE ROADWAY PIPE (CLASS 3 R.C.)	104	LF		
600A000	MOBILIZATION	1	LS		
610C001	LOOSE RIPRAP, CLASS 2	1410	TON		
610D003	FILTER BLANKET, GEOTEXTILE	1410	SQ YD		
619A004	30" ROADWAY PIPE END TREATMENT, CLASS 1	1	EA		
619A204	36" ROADWAY PIPE END TREATMENT, CLASS 1 (DOUBLE LINE)	2	EA		
619A207	48" ROADWAY PIPE END TREATMENT, CLASS 1 (DOUBLE LINE)	1	EA		
619A209	60" ROADWAY PIPE END TREATMENT, CLASS 1 (DOUBLE LINE)	1	EA		
619A308	54" ROADWAY PIPE END TREATMENT, CLASS 1 (TRIPLE LINE)	1	EA		
619A266	48" ROADWAY PIPE END TREATMENT, CLASS 1 (FOUR LINE)	1	EA		
619A276	48" ROADWAY PIPE END TREATMENT, CLASS 1 (TRIPLE LINE)	1	EA		

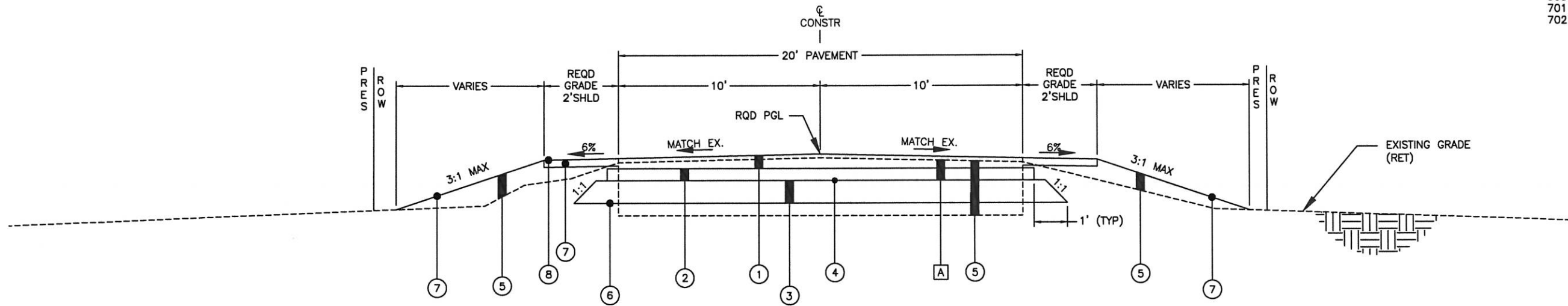
619B019	44" SPAN, 27" RISE ROADWAY PIPE END TREATMENT, CLASS 1	3	EA		
619B023	73" SPAN, 45" RISE ROADWAY PIPE END TREATMENT, CLASS 1	1	EA		
619B318	44" SPAN, 27" RISE ROADWAY PIPE END TREATMENT, CLASS 1 (FOUR LINE)	2	EA		
619B271	59" SPAN, 36" RISE ROADWAY PIPE END TREATMENT, CLASS 1 (DOUBLE LINE)	2	EA		
619B299	44" SPAN, 27" RISE ROADWAY PIPE END TREATMENT, CLASS 1 (TRIPLE LINE)	1	EA		
620A000	MINOR STRUCTURE CONCRETE	219	CU YD		
631C000	STEEL BEAM GUARDRAIL, CLASS A, TYPE 1 RESET	140	LF		
631C003	GUARDRAIL END ANCHOR, TYPE 13 RESET	4	EA		
650A000	TOPSOIL	490	CU YD		
652A100	SEEDING	2.1	ACRE		
654A001	SOLID SODDING (BERMUDA)	388	SQ YD		
665J002	SILT FENCE	4045	LF		
665L000	FLOATING BASIN BOOM	56	LF		
665O001	SILT FENCE REMOVAL	4045	LF		
665Q002	WATTLE	2100	LF		
680A001	GEOMETRIC CONTROLS	1	LS		
701B100	ROADWAY TRAFFIC STRIPE SCHEME	1	LS		
742A003	PORTABLE CHANGEABLE MESSAGE SIGN, TYPE 3	4	EA		
740A000	TRAFFIC CONTROL SCHEME	1	LS		

CONTRACTOR'S NAME & GENERAL CONTRACTOR'S LICENSE NUMBER

TYPICAL SECTION

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
BCP#0218014	2016	2

PROJECT NOTES	
200	800
201	801
302	802
303	803
701	900
702	901



TYPICAL SECTION ASPHALT ROADWAY

CR-91 BC300-014	CR-87 BC300-051	STUCKI ROAD BC300-053	FEELY RD BC300-055	SOLDER CREEK ROAD BC300-182	FISH TRAP ROAD BC300-228	STUCKI ROAD BC300-246	CR-95 BC300-248	HAMMOCK ROAD BC300-252
STA 400+7 TO STA 401+43	STA 100+11 TO STA 101+39	STA 1500+12 TO STA 1501+38	STA 1000+39 TO STA 1001+35	STA 1600+13 TO STA 1601+51	STA 1100+4 TO STA 1101+35	STA 2100+00 TO STA 2102+18	STA 3000+00 TO STA 3001+68	STA 1200+5 TO STA 1201+23

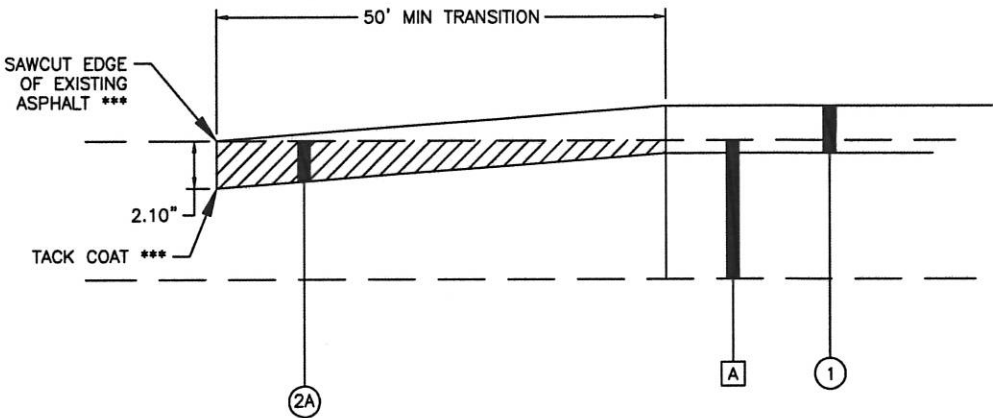
REQUIRED MATERIALS LEGEND

- ① ITEM 424A -340, SUPERPAVE BITUMINOUS CONCRETE WEARING SURFACE LAYER 1/2" MAX. AGGREGATE SIZE MIX, ESAL RANGE A/B, PER TON (220 LBS/SY)
- ② ITEM 424B-666, SUPERPAVE BITUMINOUS CONCRETE LOWER BINDER LAYER 1" MAX. AGGREGATE SIZE MIX, ESAL RANGE A/B, PER TON (300 LBS/SY)
- ②A ITEM 408A-051 PLANING EXISTING PAVEMENT (APPROXIMATELY 0.00" THRU 2.10" THICK)
- ③ ITEM 301A-012, CRUSHED AGGREGATE BASE COURSE, TYPE B, PLANT MIXED, 6" COMPACTED THICKNESS
- ④ ITEM 401A-000 BITUMINOUS TREATMENT A
- ⑤ ITEM 210A-000, UNCLASSIFIED EXCAVATION AND/OR ITEM 210D-022, BORROW EXCAVATION (LOOSE TRUCKBED MEASUREMENT) (A-2-4(0) OR A-4(0))
- ⑥ ITEM 230A-000 ROADBED PROCESSING
- ⑦ ITEM 650A-000, TOPSOIL (APPROX. 4" THICK)
- ⑧ ITEM 654A-001, SOLID SODDING (BERMUDA)

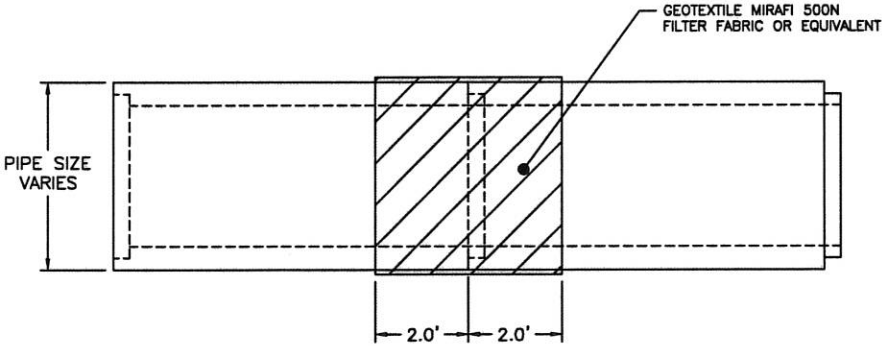
EXISTING MATERIALS LEGEND

- A IN PLACE BITUMINOUS PAVEMENT (APPROX 2.25" - 5.50") (PLANE AND OVERLAY)

*** TACK COAT, SAWCUT AND PLANING SHALL BE A SUBSIDIARY OBLIGATION OF ITEM 424A-340



DETAIL OF TYPICAL PAVEMENT TRANSITION

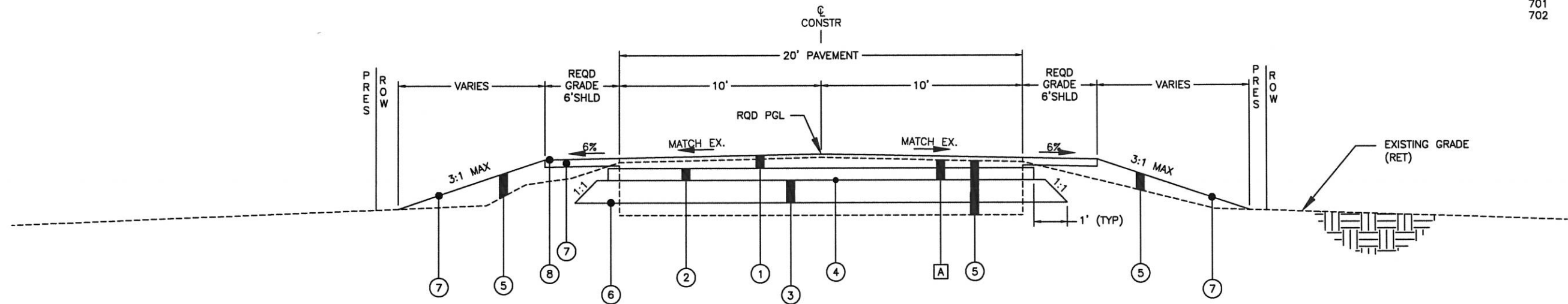


DETAIL OF TYPICAL RCP JOINT

TYPICAL SECTION

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
BCP#0218014	2016	2A

PROJECT NOTES	
200	800
201	801
302	802
303	803
701	900
702	901



TYPICAL SECTION ASPHALT ROADWAY

CR-97 BC300-024	CR-95 BC300-112	CR-95 BC300-118	CR-87 BC300-185	CR-91 BC300-231
STA 600+9 TO STA 601+41	STA 700+11 TO STA 701+39	STA 800+8 TO STA 801+42	STA 300+14 TO STA 301+36	STA 500+4 TO STA 501+46

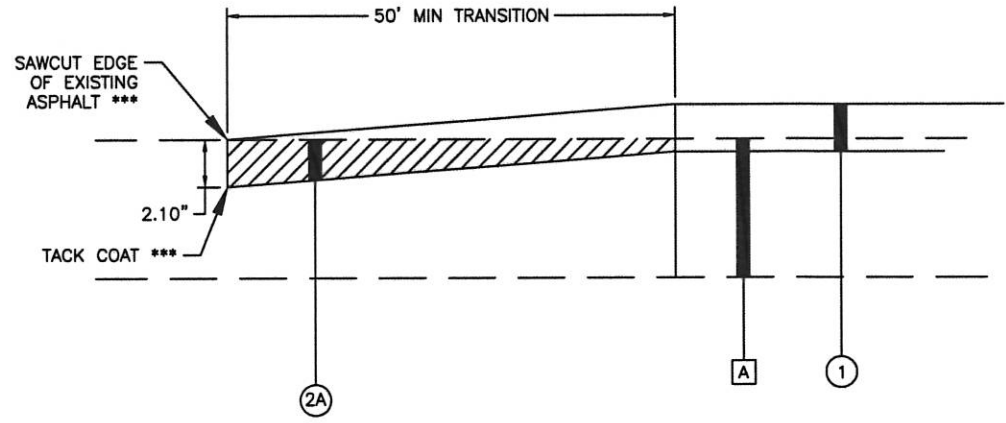
REQUIRED MATERIALS LEGEND

- ① ITEM 424A -340, SUPERPAVE BITUMINOUS CONCRETE WEARING SURFACE LAYER 1/2" MAX. AGGREGATE SIZE MIX, ESAL RANGE A/B, PER TON (220 LBS/SY)
- ② ITEM 424B-666, SUPERPAVE BITUMINOUS CONCRETE LOWER BINDER LAYER 1" MAX. AGGREGATE SIZE MIX, ESAL RANGE A/B, PER TON (300 LBS/SY)
- ②A ITEM 408A-051 PLANING EXISTING PAVEMENT (APPROXIMATELY 0.00" THRU 2.10" THICK)
- ③ ITEM 301A-012, CRUSHED AGGREGATE BASE COURSE, TYPE B, PLANT MIXED, 6" COMPACTED THICKNESS
- ④ ITEM 401A-000 BITUMINOUS TREATMENT A
- ⑤ ITEM 210A-000, UNCLASSIFIED EXCAVATION AND/OR ITEM 210D-022, BORROW EXCAVATION (LOOSE TRUCKBED MEASUREMENT) (A-2-4(0) OR A-4(0))
- ⑥ ITEM 230A-000 ROADBED PROCESSING
- ⑦ ITEM 650A-000, TOPSOIL (APPROX. 4" THICK)
- ⑧ ITEM 654A-001, SOLID SODDING (BERMUDA)

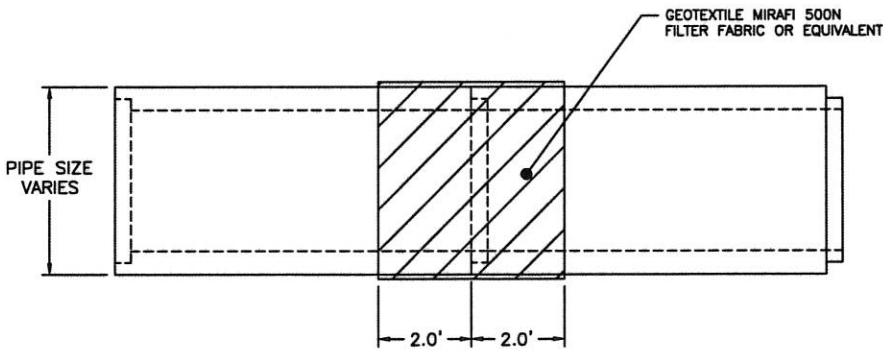
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- A IN PLACE BITUMINOUS PAVEMENT (APPROX 2.25" - 5.50") (PLANE AND OVERLAY)

*** TACK COAT, SAWCUT AND PLANING SHALL BE A SUBSIDIARY OBLIGATION OF ITEM 424A-340



DETAIL OF TYPICAL PAVEMENT TRANSITION

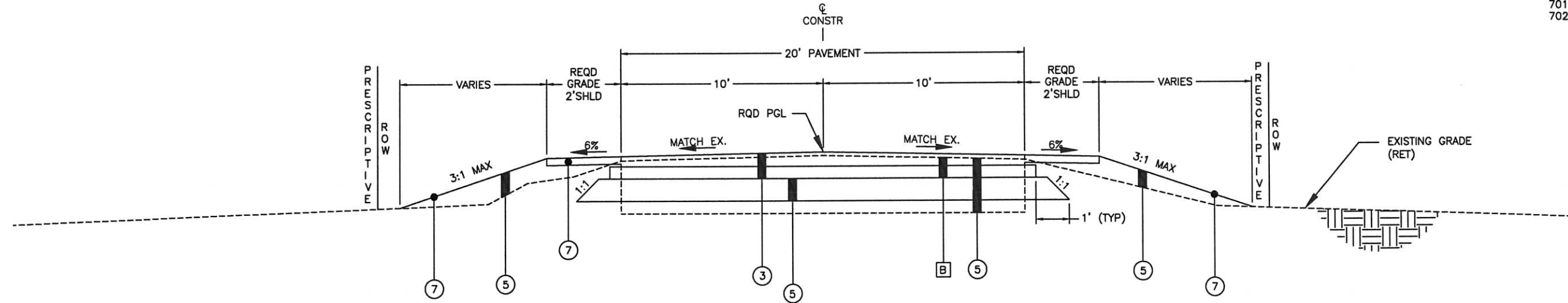


DETAIL OF TYPICAL RCP JOINT

TYPICAL SECTION

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
BCP#0218014	2016	2B

PROJECT NOTES	
200	800
201	801
302	802
303	803
701	900
702	901



TYPICAL SECTION DIRT & GRAVEL ROADWAY

WOLF FIELD ROAD
BC300-198

MAIDMONT LN
BC300-224

STA 1700+9 TO STA 1701+42

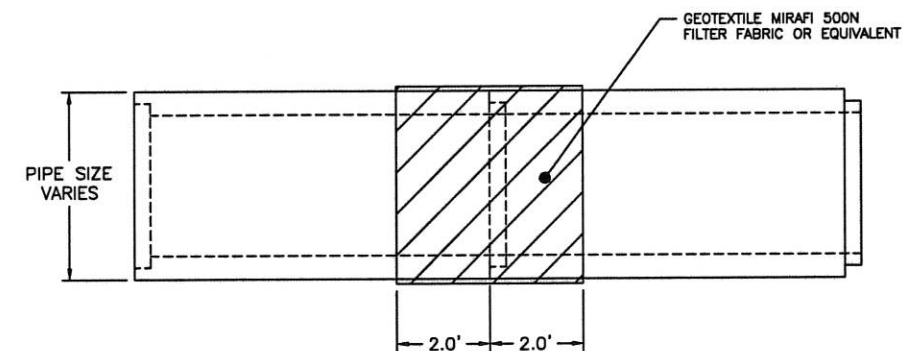
STA 1800+1 TO STA 1801+41

REQUIRED MATERIALS LEGEND

- ① ITEM 424A-340, SUPERPAVE BITUMINOUS CONCRETE WEARING SURFACE LAYER
1/2" MAX. AGGREGATE SIZE MIX, ESAL RANGE A/B, PER TON (220 LBS/SY)
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ITEM 210D-022, BORROW EXCAVATION (LOOSE TRUCKBED MEASUREMENT) (A-2-4(0) OR
A-4(0))
- ⑥ ITEM 230A-000 ROADBED PROCESSING
- ⑦ ITEM 650A-000, TOPSOIL (APPROX. 4" THICK)
- ⑧ ITEM 654A-001, SOLID SODDING (BERMUDA)

EXISTING MATERIALS LEGEND

- [A] IN PLACE BITUMINOUS PAVEMENT (APPROX 2.25" - 5.50") (PLANE AND OVERLAY)
- [B] IN PLACE GRAVEL (APPROX 2.25"-5.50") (REMOVE)



DETAIL OF TYPICAL RCP JOINT

DATE: 08/06/2015

PLAN SUBMITTAL



BALDWIN COUNTY
HIGHWAY DEPARTMENT

NTS

SHEET TITLE

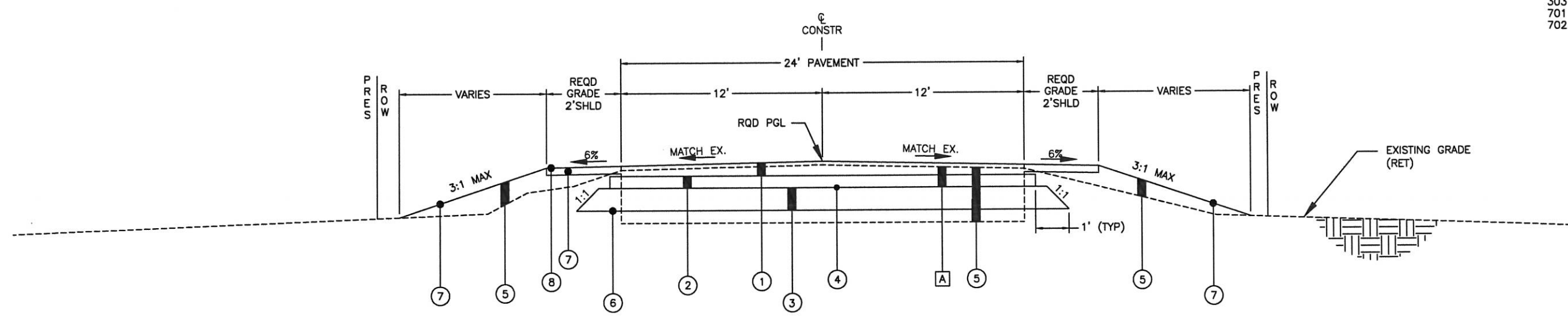
TYPICAL SECTION

ROUTE

TYPICAL SECTION

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
BCP#0218014	2016	2C

PROJECT NOTES	
200	800
201	801
302	802
303	803
701	900
702	901



TYPICAL SECTION ASPHALT ROADWAY

MIFLIN ROAD
BC300-283

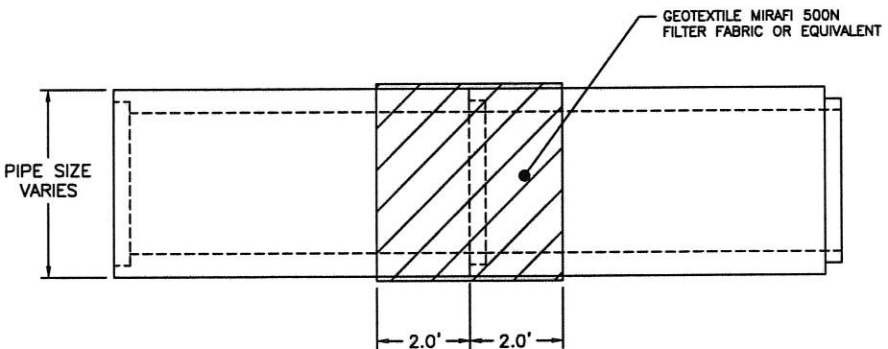
STA 2300+00 TO STA 2302+35

REQUIRED MATERIALS LEGEND

- ① ITEM 424A -340, SUPERPAVE BITUMINOUS CONCRETE WEARING SURFACE LAYER 1/2" MAX. AGGREGATE SIZE MIX, ESAL RANGE A/B, PER TON (220 LBS/SY)
- ② ITEM 424B-666, SUPERPAVE BITUMINOUS CONCRETE LOWER BINDER LAYER 1" MAX. AGGREGATE SIZE MIX, ESAL RANGE A/B, PER TON (300 LBS/SY)
- ②A ITEM 408A-051 PLANING EXISTING PAVEMENT (APPROXIMATELY 0.00" THRU 2.10" THICK)
- ③ ITEM 301A-012, CRUSHED AGGREGATE BASE COURSE, TYPE B, PLANT MIXED, 6" COMPACTED THICKNESS
- ④ ITEM 401A-000 BITUMINOUS TREATMENT A
- ⑤ ITEM 210A-000, UNCLASSIFIED EXCAVATION AND/OR ITEM 210D-022, BORROW EXCAVATION (LOOSE TRUCKBED MEASUREMENT) (A-2-4(0) OR A-4(0))
- ⑥ ITEM 230A-000 ROADBED PROCESSING
- ⑦ ITEM 650A-000, TOPSOIL (APPROX. 4" THICK)
- ⑧ ITEM 654A-001, SOLID SODDING (BERMUDA)

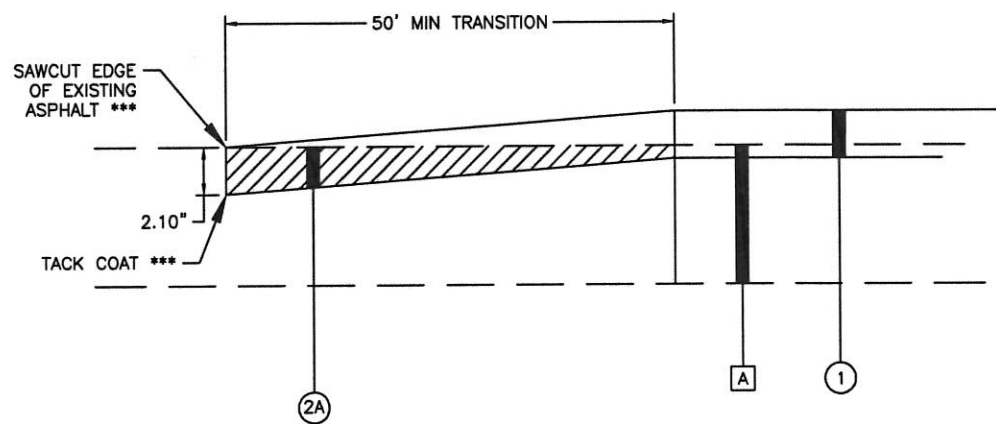
EXISTING MATERIALS LEGEND

- [A] IN PLACE BITUMINOUS PAVEMENT (APPROX 2.25" - 5.50") (PLANE AND OVERLAY)



DETAIL OF TYPICAL RCP JOINT

*** TACK COAT, SAWCUT AND PLANING SHALL BE A SUBSIDIARY OBLIGATION OF ITEM 424A-340



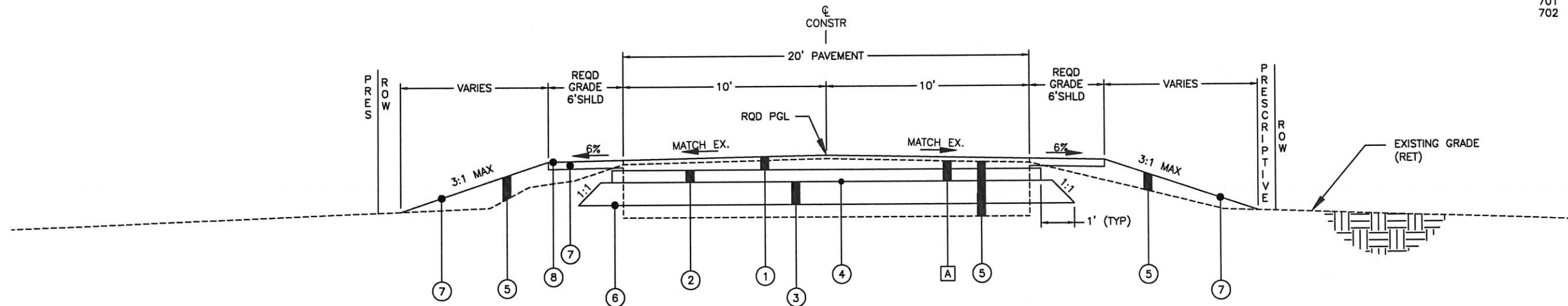
DETAIL OF TYPICAL PAVEMENT TRANSITION

TYPICAL SECTION

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
BCP#0218014	2016	2D

PROJECT NOTES

200	800
201	801
302	802
303	803
701	900
702	901



TYPICAL SECTION ASPHALT ROADWAY

CR-87
BC300-052

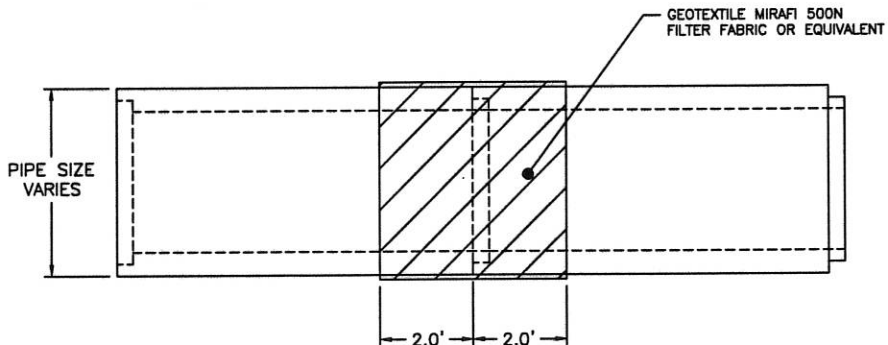
STA 200+10 TO STA 201+40

REQUIRED MATERIALS LEGEND

- ① ITEM 424A -340, SUPERPAVE BITUMINOUS CONCRETE WEARING SURFACE LAYER 1/2" MAX. AGGREGATE SIZE MIX, ESAL RANGE A/B, PER TON (220 LBS/SY)
- ② ITEM 424B-666, SUPERPAVE BITUMINOUS CONCRETE LOWER BINDER LAYER 1" MAX. AGGREGATE SIZE MIX, ESAL RANGE A/B, PER TON (300 LBS/SY)
- ②A ITEM 408A-051 PLANING EXISTING PAVEMENT (APPROXIMATELY 0.00" THRU 2.10" THICK)
- ③ ITEM 301A-012, CRUSHED AGGREGATE BASE COURSE, TYPE B, PLANT MIXED, 6" COMPACTED THICKNESS
- ④ ITEM 401A-000 BITUMINOUS TREATMENT A
- ⑤ ITEM 210A-000, UNCLASSIFIED EXCAVATION AND/OR ITEM 210D-022, BORROW EXCAVATION (LOOSE TRUCKBED MEASUREMENT) (A-2-4(0) OR A-4(0))
- ⑥ ITEM 230A-000 ROADBED PROCESSING
- ⑦ ITEM 650A-000, TOPSOIL (APPROX. 4" THICK)
- ⑧ ITEM 654A-001, SOLID SODDING (BERMUDA)

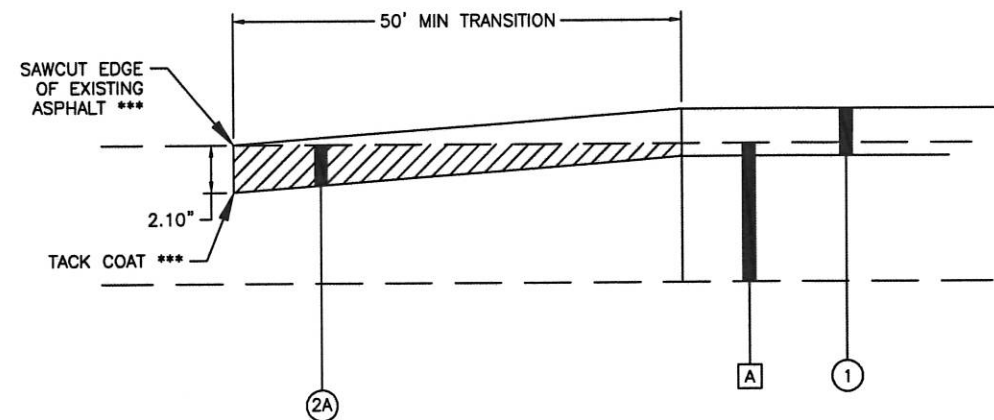
EXISTING MATERIALS LEGEND

- A IN PLACE BITUMINOUS PAVEMENT (APPROX 2.25" - 5.50") (PLANE AND OVERLAY)



DETAIL OF TYPICAL RCP JOINT

*** TACK COAT, SAWCUT AND PLANING SHALL BE A SUBSIDIARY OBLIGATION OF ITEM 424A-340



DETAIL OF TYPICAL PAVEMENT TRANSITION

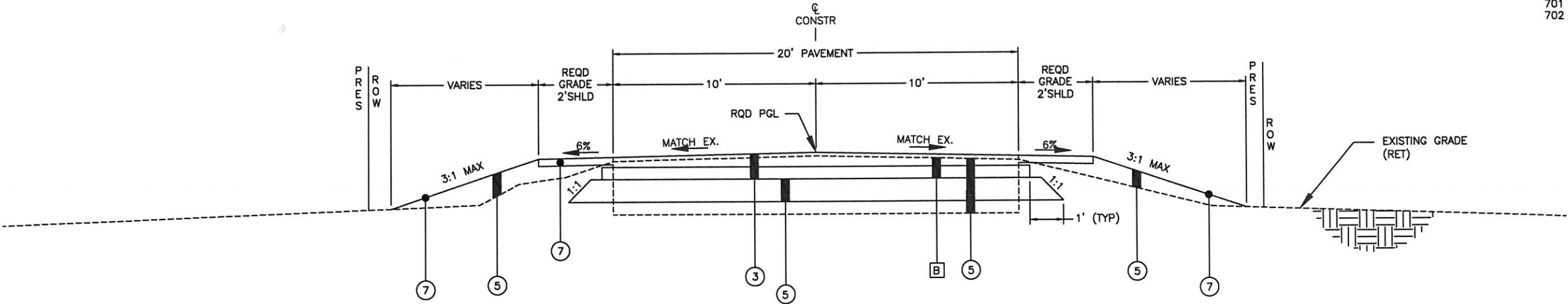
DATE: 08/06/2015	PLAN SUBMITTAL	BALDWIN COUNTY HIGHWAY DEPARTMENT	NTS	SHEET TITLE TYPICAL SECTION	ROUTE CR-87
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TYPICAL SECTION

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
BCP#0218014	2016	2E

PROJECT NOTES

200	800
201	801
302	802
303	803
701	900
702	901



TYPICAL SECTION DIRT & GRAVEL ROADWAY

MIFLIN CREEK RD
BC300-043

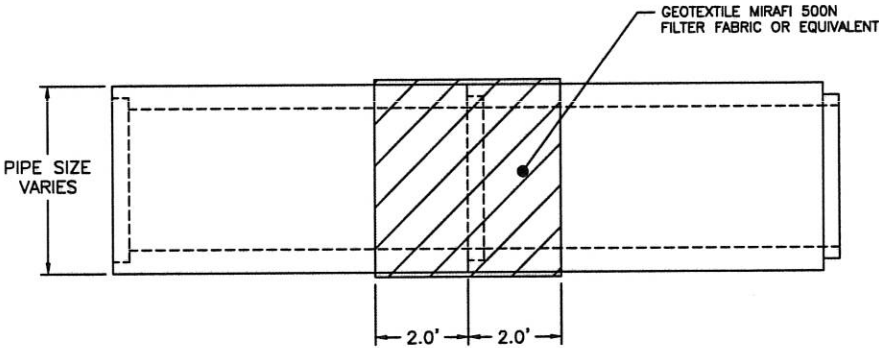
STA 2000+00 TO STA 2002+30

REQUIRED MATERIALS LEGEND

- ① ITEM 424A-340, SUPERPAVE BITUMINOUS CONCRETE WEARING SURFACE LAYER
1/2" MAX. AGGREGATE SIZE MIX, ESAL RANGE A/B, PER TON (220 LBS/SY)
- ② ITEM 424B-666, SUPERPAVE BITUMINOUS CONCRETE LOWER BINDER LAYER
1" MAX. AGGREGATE SIZE MIX, ESAL RANGE A/B, PER TON (300 LBS/SY)
- ②A ITEM 408A-051 PLANING EXISTING PAVEMENT (APPROXIMATELY 0.00" THRU 2.10" THICK)
- ③ ITEM 301A-012, CRUSHED AGGREGATE BASE COURSE, TYPE B, PLANT MIXED,
6" COMPACTED THICKNESS
- ④ ITEM 401A-000 BITUMINOUS TREATMENT A
- ⑤ ITEM 210A-000, UNCLASSIFIED EXCAVATION
AND/OR
ITEM 210D-022, BORROW EXCAVATION (LOOSE TRUCKBED MEASUREMENT) (A-2-4(0) OR
A-4(0))
- ⑥ ITEM 230A-000 ROADBED PROCESSING
- ⑦ ITEM 650A-000, TOPSOIL (APPROX. 4" THICK)
- ⑧ ITEM 654A-001, SOLID SODDING (BERMUDA)

EXISTING MATERIALS LEGEND

- [A] IN PLACE BITUMINOUS PAVEMENT (APPROX 2.25" - 5.50") (PLANE AND OVERLAY)
- [B] IN PLACE GRAVEL (APPROX 2.25"-5.50") (REMOVE)



DETAIL OF TYPICAL RCP JOINT

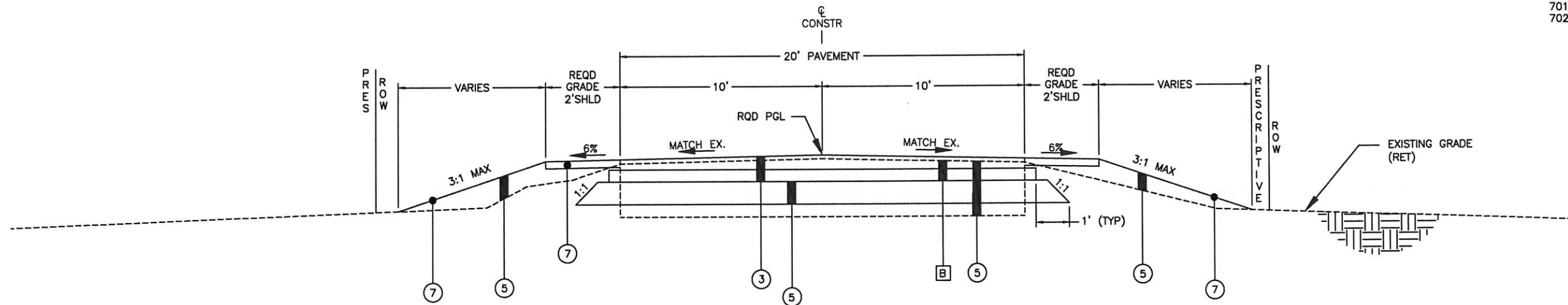
DATE: 08/06/2015	PLAN SUBMITTAL	BALDWIN COUNTY HIGHWAY DEPARTMENT	NTS	SHEET TITLE TYPICAL SECTION	ROUTE
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TYPICAL SECTION

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
BCP#0218014	2016	2F

PROJECT NOTES

200	800
201	801
302	802
303	803
701	900
702	901



TYPICAL SECTION DIRT & GRAVEL ROADWAY

CR-26
BC300-121

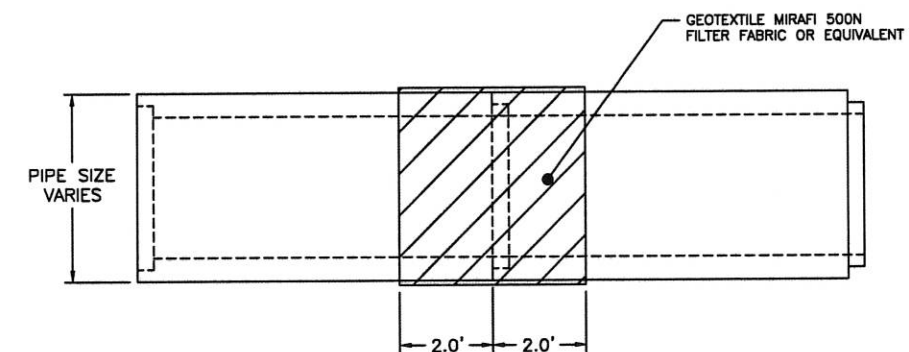
STA 2500+10 TO STA 2502+31

REQUIRED MATERIALS LEGEND

- ① ITEM 424A-340, SUPERPAVE BITUMINOUS CONCRETE WEARING SURFACE LAYER
1/2" MAX. AGGREGATE SIZE MIX, ESAL RANGE A/B, PER TON (220 LBS/SY)
- ② ITEM 424B-666, SUPERPAVE BITUMINOUS CONCRETE LOWER BINDER LAYER
1" MAX. AGGREGATE SIZE MIX, ESAL RANGE A/B, PER TON (300 LBS/SY)
- ②A ITEM 408A-051 PLANING EXISTING PAVEMENT (APPROXIMATELY 0.00" THRU 2.10" THICK)
- ③ ITEM 301A-012, CRUSHED AGGREGATE BASE COURSE, TYPE B, PLANT MIXED,
6" COMPACTED THICKNESS
- ④ ITEM 401A-000 BITUMINOUS TREATMENT A
- ⑤ ITEM 210A-000, UNCLASSIFIED EXCAVATION
AND/OR
ITEM 210D-022, BORROW EXCAVATION (LOOSE TRUCKBED MEASUREMENT) (A-2-4(0) OR
A-4(0))
- ⑥ ITEM 230A-000 ROADBED PROCESSING
- ⑦ ITEM 650A-000, TOPSOIL (APPROX. 4" THICK)
- ⑧ ITEM 654A-001, SOLID SODDING (BERMUDA)

EXISTING MATERIALS LEGEND

- [A] IN PLACE BITUMINOUS PAVEMENT (APPROX 2.25" - 5.50") (PLANE AND OVERLAY)
- [B] IN PLACE GRAVEL (APPROX 2.25"-5.50") (REMOVE)



DETAIL OF TYPICAL RCP JOINT

PLAN SUBMITTAL



BALDWIN COUNTY
HIGHWAY DEPARTMENT

NTS

SHEET TITLE
TYPICAL SECTION

ROUTE

DATE: 08/06/2015

PROJECT NOTES

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
BCP#0218014	2016	2G

NOTE NO.

- 200
- PLAN SHEET SHALL BE USED IN CONJUNCTION WITH TYPICAL SECTIONS TO ENSURE PROPER PAVEMENT WIDTHS.
- 201
- WORK LIMITS SHALL NOT EXTEND PAST THE EXISTING RIGHT OF WAY.
- 202
- FRONT SLOPES SHALL BE GRADED TO 3:1 (HORIZONTAL:VERTICAL) MAXIMUM WITH THE CLEAR ZONE, WITH 2:1 (HORIZONTAL:VERTICAL)MAXIMUM SLOPE OUTSIDE OF THE CLEAR ZONE ONLY IN AREAS TO MAINTAIN WORK LIMITS WITHIN THE EXISTING RIGHT OF WAY.
- 301
- REMOVAL OF ROADWAY MATERIALS INCLUDING PAVEMENT AND BASE MATERIALS SHALL BE PAID FOR UNDER PAY ITEM 210A000 UNCLASSIFIED EXCAVATION.
- 302
- CLEARING & GRUBBING IS A SUBSIDIARY TO UNCLASSIFIED EXCAVATION PAY ITEM 210A000.
- 303
- THIS PROJECT REQUIRES THAT SAW CUTTING OF EXISTING CONCRETE AND/OR ASPHALT DRIVEWAYS FOLLOW SMOOTH LINES. CURVED AREAS SHALL BE REPLACED BY SEGMENTS OF STRAIGHT LINES. FOLLOWING THE COMPLETION OF THE SAW CUT IN AM AREA OF WORK. THE CONTRACTOR SHALL CAREFULLY REMOVE THE CONCRETE OR ASPHALT PAVEMENT AND OTHER MATERIAL REQUIRED TO PREPARE THE SUBGRADE. THE CONTRACTOR IS TO MAINTAIN AND PROTECT THE SAW CUT LINE WHILE DOING OTHER WORK IN THE VICINITY OF THE SAW CUT SO THAT A NEAT, SMOOTH JOINT SHALL BE SUBSIDIARY OBLIGATION OF PAY ITEM NO. 424A-340.
- 304
- AN ADDITIONAL 25 TONS PER SITE OF AGGREGATE SURFACING ALDOT NO. 57 STONE HAS BEEN SETUP TO BE USED AS DIRECTED BY THE PROJECT ENGINEER.
- 305
- POLYETHYLENE SHALL BE USED IN AREAS AS DESIGNATED BY THE ENGINEER FOR EROSION PROTECTION PAID FOR AS SUBSIDIARY TO PAY ITEM NO. 6650-001.
- 306
- MULCHING IS A SUBSIDIARY OF SEEDING PAY ITEM 652A100.
- 400
- ANY IN-PLACE PAVED DITCHES, RIP RAPPED SLOPED, AND AGGREGATED SURFACED AREAS THAT ARE TO BE RETAINED AND ARE DAMAGED BY THE CONTRACTOR SHALL BE REPLACED IN KIND AT THE CONTRACTOR'S EXPENSE. GROUND COVER QUANTITIES (INCLUDING SOD, SEEDING, RIP RAP, AGGREGATE SURFACING AND SOIL STABILIZATION) MAY BE PLACED AT ANY TIME DURING CONSTRUCTION OR AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THESE AREAS THROUGHOUT THE COMPLETIONS OF THE PROJECT. NO ADDITIONAL PAYMENT WILL BE MADE FOR THE REPAIR OR MAINTENANCE OF THESE AREAS.
- 401
- CONTRACTOR SHALL REMOVE PIPE UNDER PAY ITEM 206D000 AND SHALL DISPOSE OF PIPE AT THE NEAREST COUNTY BARN AREA 200 BARN (SILVERHILL) AREA 300 BARN (FOLEY) 22220 WE3ST BLVD. 20764 COUNTY ROAD 24 SILVERHILL, AL 36576 FOLEY, AL 36535 251-972-8509 251-972-8530
- 500
- THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR THE PROTECTION OF WATER QUALITY AT ALL TIMES DURING FILL OPERATIONS AND CULVERT CONSTRUCTION WITHIN THE STREAM, UNLESS SHOWN OTHERWISE. THE CONTRACTOR SHALL DESIGN AND IMPLEMENT NECESSARY CONTROLS AT THE SITES OF THE CULVERT, INCLUDING CONSTRUCTION OF AND PROTECTION OF WATER QUALITY AT DIVERSION CHANNELS AND COFFERDAMS. DETAILS OF SUCH PROVISIONS SHALL BE INCLUDED IN THE STORMWATER MANAGEMENT PLAN SUBMITTED. THE COST REQUIRED FOR THESE PROVISIONS SHALL BE INCLUDED IN PAY ITEM 6650-000.

NOTE NO.

- 701
- CONTRACTOR SHALL INSTALL REQUIRED PAVEMENT STRIPING TO MATCH THE EXISTING STRIPING APPARENT BEFORE PAVEMENT REMOVAL. PAYMENT SHALL BE MADE USING LUMP SUM PAY ITEMS FOR PAINT STRIPING, PAY ITEM 701B-100.
- 702
- TRAFFIC CONTROL SCHEMES ARE "FOR REFERENCE ONLY". TRAFFIC CONTROL SCHEME SHALL COMPLY WITH MUTCD GUIDELINES.
- 703
- CONTRACTOR WILL BEGIN WORK ON SITES BC300-014, BC300-231 & BC300-024 FIRST TO ENSURE SITES ARE COMPLETED AS EXPEDITIOUSLY AS POSSIBLE FOLLOWING THE NOTICE TO PROCEED.
- 704
- THE NUMBER OF DAYS FOR ALL PROPOSED ROAD CLOSURES MUST BE APPROVED BY BALDWIN COUNTY PRIOR TO CONSTRUCTION START FOR EACH INDIVIDUAL SITE.
- 800
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE VARIOUS UTILITY OWNERS AND DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES ON THIS PROJECT WHETHER SHOWN ON THE PLANS OR NOT. UTILITY LOCATIONS ARE APPROXIMATE AND CARE SHOULD BE TAKEN WHEN WORKING IN THESE AREAS. IN THE EVENT OF ANY DAMAGE TO IN-PLACE UTILITIES, THEY SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER AND THE UTILITY OWNER AT THE CONTRACTORS'S EXPENSE. THE LOCATION OF ANY REQUIRED GUARDRAIL, SIGNS, FOOTINGS OF ANY NATURE AND/OR ELECTRICAL/COMMUNICATIONS CONDUITS MAY BE ADJUSTED AS DIRECTED BY THE ENGINEER TO PREVENT ANY CONFLICTS WITH THESE UTILITIES.
- 801
- IF UTILITY CONFLICTS ARE ENCOUNTERED, EXISTING UTILITIES ARE TO BE ADJUSTED AS DIRECTED BY THE ENGINEER OR UTILITY OWNER. THE CONTRACTOR SHALL COORDINATE A PLAN OF UTILITY ADJUSTMENT WITH THE UTILITY COMPANIES AT HIS OWN EXPENSE.
- 802
- CONTRACTOR IS REQUIRED TO CONTACT BALDWIN COUNTY HIGHWAY DEPARTMENT 72 HOURS PRIOR TO ANY ROAD CLOSURES.
- 803
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROPERLY STAGE WORK ON MULTIPLE SITES SO THAT NO CONFLICTS IN TRAFFIC FLOW SHALL ARISE.
- 900
- THE PROJECT IS UNDER A NATIONWIDE 3 PERMIT FOR EMERGENCY REPAIR WORK. A COPY CAN BE PICKED UP AT BALDWIN COUNTY HIGHWAY DEPARTMENT OFFICE. LIMITS OF CONSTRUCTION SHALL NOT BE BEYOND THOSE NOTED IN THE PLANS AND CARE SHALL BE TAKEN TO MINIMIZE DISTURBANCE TO EXISTING VEGETATION.
- 901
- FUEL TANKS SHALL NOT BE STORED ON THE RIGHT OF WAY OVERNIGHT. VEHICLES TRANSPORTING FUEL, CHEMICALS, FERTILIZERS, ETC. ONTO THE RIGHT OF WAY SHALL NOT BE LEFT UNATTENDED.
- 902
- THE CONTRACTOR SHALL HAVE A COPY OF THE FOLLOWING PUBLICATIONS FOR REFERENCE
- A.
- STATE OF ALABAMA HIGHWAY DEPARTMENT, STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, 2012 EDITION
- B.
- MANUAL FOR UNIFORM TRAFFIC CONTROL AND DEVICES, SECTION 6, 2009 EDITION
- C.
- ALABAMA HANDBOOK FOR EROSION CONTROL, SEDIMENT CONTROL, AND STORMWATER MANAGEMENT ON CONSTRUCTION SITES AND URBAN AREAS, VOL 1 & 2 CURRENT EDITION

SUMMARY OF QUANTITIES

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
BCP#0218014	2016	3

ITEM	DESCRIPTION	UNIT	ROADWAY TOTAL	BC300-014	BC300-051	BC300-052	BC300-185	BC300-231	BC300-024	BC300-112	BC300-118	PROJECT NOTES
206C023	REMOVING RIP RAP	SQ YD	395	28				40		23		401
206D000	REMOVING PIPE	LF	970	37	38	35	37	111	39	41	40	300
206E000	REMOVING HEADWALLS	EA	10		2		2	2	2			
210A000	UNCLASSIFIED EXCAVATION	CU YD	6190	380	300	390	210	560	300	260	250	301, 302
210C000	MUCK EXCAVATION & REMOVAL	CU YD	690		35	35	35	75	35	35	30	
210D022	BORROW EXCAVATION (LOOSE TRUCKBED MEASUREMENT)(A-2-4(0) OR A-4(0)	CU YD	6190	380	300	390	210	560	300	260	250	
214B001	FOUNDATION BACKFILL, COMMERCIAL	CU YD	715	30	40	25	15	30	25	10	15	
215B000	COFFERDAMS OR SHEETING AND SHORING	EA	14		1	1	1		1	1	1	
230A000	ROADBED PROCESSING	RDST	30	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	201
301A012	CRUSHED AGGREGATE BASE COURSE, TYPE B, PLANT MIXED, 6" COMPACTED THICKNESS	SQ YD	2580	90	75	80	60	110	80	75	90	
401A000	BITUMINOUS TREATMENT A	SQ YD	1240	90	75	80	60	110	80	75	90	
424A340	SUPERPAVE BITUMINOUS CONCRETE WEARING SURFACE LAYER 1/2" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE A/B (220 LBS/SY)	TON	492	30	29	29	28	32	29	29	30	303
424B666	SUPERPAVE BITUMINOUS CONCRETE LOWER BINDER LAYER, 1" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE A/B (300 LBS/SY)	TON	703	45	43	44	41	48	44	43	45	
430B003	AGGREGATE SURFACING (ALDOT #57)	TON	500	25	25	25	25	25	25	25	25	304
502A000	STEEL REINFORCEMENT	LBS	27231	2376	1982	1735		2889	1495	1204	1116	
530A003	30" ROADWAY PIPE (CLASS 3 R.C.)	LF	40									
530A004	36" ROADWAY PIPE (CLASS 3 R.C.)	LF	80				80					
530A006	48" ROADWAY PIPE (CLASS 3 R.C.)	LF	520					160				
530A007	54" ROADWAY PIPE (CLASS 3 R.C.)	LF	120									
530A008	60" ROADWAY PIPE (CLASS 3 R.C.)	LF	80						80			
530B003	36" SPAN, 23" RISE ROADWAY PIPE (CLASS 3 R.C.)	LF	120			120						
530B004	44" SPAN, 27" RISE ROADWAY PIPE (CLASS 3 R.C.)	LF	392								120	
530B006	59" SPAN, 36" RISE ROADWAY PIPE (CLASS 3 R.C.)	LF	480	120	80					80		
530B008	73" SPAN, 45" RISE ROADWAY PIPE (CLASS 3 R.C.)	LF	104									
600A000	MOBILIZATION	LS	1									
610C001	LOOSE RIPRAP, CLASS 2	TON	1410	65	65	65	45	135	75	75	75	
610D003	FILTER BLANKET, GEOTEXTILE	SQ YD	1410	65	65	65	45	135	75	75	75	
619A004	30" ROADWAY PIPE END TREATMENT, CLASS 1	EA	1									
619A204	36" ROADWAY PIPE END TREATMENT, CLASS 1 (DOUBLE LINE)	EA	2				2					
619A207	48" ROADWAY PIPE END TREATMENT, CLASS 1 (DOUBLE LINE)	EA	1									
619A209	60" ROADWAY PIPE END TREATMENT, CLASS 1 (DOUBLE LINE)	EA	1						1			
619A266	48" ROADWAY PIPE END TREATMENT, CLASS 1 (FOUR LINE)	EA	1									
619A276	48" ROADWAY PIPE END TREATMENT, CLASS 1 (TRIPLE LINE)	EA	1									
619A308	54" ROADWAY PIPE END TREATMENT, CLASS 1 (TRIPLE LINE)	EA	1									
619B019	44" SPAN, 27" RISE ROADWAY PIPE END TREATMENT, CLASS 1	EA	3									
619B023	73" SPAN, 45" RISE ROADWAY PIPE END TREATMENT, CLASS 1	EA	1									
619B271	59" SPAN, 36" RISE ROADWAY PIPE END TREATMENT, CLASS 1 (DOUBLE LINE)	EA	2							1		
619B299	44" SPAN, 27" RISE ROADWAY PIPE END TREATMENT, CLASS 1 (TRIPLE LINE)	EA	1								1	
619B318	44" SPAN, 27" RISE ROADWAY PIPE END TREATMENT, CLASS 1 (FOUR LINE)	EA	2									
620A000	MINOR STRUCTURE CONCRETE	CU YD	219	19	17	14		24	13	10	9	
631C000	STEEL BEAM GUARDRAIL, CLASS A, TYPE 1 RESET	LF	140					140				
631E003	GUARDRAIL END ANCHOR, TYPE 13 RESET	EA	4					4				
650A000	TOPSOIL	CU YD	490	30	12	25	20	36	20	15	16	
652A100	SEEDING	ACRE	2.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
654A001	SOLID SODDING (BERMUDA)	SQ YD	388	34	16	16	12	14	24	18	20	
665J002	SILT FENCE	LF	4045	180	170	215	120	190	170	185	165	305, 500
665L000	FLOATING BASIN BOOM	LF	56		20		36					
665O001	SILT FENCE REMOVAL	LF	4045	180	170	215	120	190	170	185	165	305, 500
665Q002	WATTLE	LF	2100	100	100	100	100	100	100	100	100	
680A001	GEOMETRIC CONTROLS	LS	1									
701B100	ROADWAY TRAFFIC STRIPE SCHEME	LS	1									701
742A003	PORTABLE CHANGEABLE MESSAGE SIGN, TYPE 3	EA	4									
740A000	TRAFFIC CONTROL SCHEME	LS	1									702

SUMMARY OF QUANTITIES

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
BCP#0218014	2016	3A

ITEM	DESCRIPTION	UNIT	BC300-055	BC300-228	BC300-252	BC300-053	BC300-182	BC300-198	BC300-224	PROJECT NOTES
206C023	REMOVING RIP RAP	SQ YD	270					34		401
206D000	REMOVING PIPE	LF	36	40	48	36	86	80	40	300
206E000	REMOVING HEADWALLS	EA				2				301
210A000	UNCLASSIFIED EXCAVATION	CU YD	220	270	220	300	340	400	420	301, 302
210C000	MUCK EXCAVATION & REMOVAL	CU YD	35	35	30	40	40	40	30	
210D022	BORROW EXCAVATION (LOOSE TRUCKBED MEASUREMENT)(A-2-4(0) OR A-4(0)	CU YD	220	270	220	300	340	400	420	
214B001	FOUNDATION BACKFILL, COMMERCIAL	CU YD	45	15	20	95	50	110	40	
215B000	COFFERDAMS OR SHEETING AND SHORING	EA		1	1	1	1	1		
230A000	ROADBED PROCESSING	RBST	1.5	1.5	1.5	1.5	1.5	1.5	1.5	201
301A012	CRUSHED AGGREGATE BASE COURSE, TYPE B, PLANT MIXED, 6" COMPACTED THICKNESS	SQ YD	60	75	60	70	100	330	350	
401A000	BITUMINOUS TREATMENT A	SQ YD	60	75	60	70	100			
424A340	SUPERPAVE BITUMINOUS CONCRETE WEARING SURFACE 1/2" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE A/B (220 LBS/SY)	TON	30	32	30	31	34			303
424B666	SUPERPAVE BITUMINOUS CONCRETE LOWER BINDER LAYER, 1" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE A/B (300 LBS/SY)	TON	41	44	40	42	47			
430B003	AGGREGATE SURFACING (ALDOT #57)	TON	25	25	25	25	25	25	25	304
502A000	STEEL REINFORCEMENT	LB	1373	1101	762	1262		1579	1482	
530A003	30" ROADWAY PIPE (CLASS 3 R.C.)	LF			40					
530A004	36" ROADWAY PIPE (CLASS 3 R.C.)	LF								
530A006	48" ROADWAY PIPE (CLASS 3 R.C.)	LF				80			160	
530A007	54" ROADWAY PIPE (CLASS 3 R.C.)	LF						120		
530A008	60" ROADWAY PIPE (CLASS 3 R.C.)	LF								
530B003	36" SPAN, 23" RISE ROADWAY PIPE (CLASS 3 R.C.)	LF								
530B004	44" SPAN, 27" RISE ROADWAY PIPE (CLASS 3 R.C.)	LF					192			
530B006	59" SPAN, 36" RISE ROADWAY PIPE (CLASS 3 R.C.)	LF		80						
530B008	73" SPAN, 45" RISE ROADWAY PIPE (CLASS 3 R.C.)	LF	40							
600A000	MOBILIZATION	LS								
610C001	LOOSE RIPRAP, CLASS 2	TON	90	65	50	85	65	50	105	
610D003	FILTER BLANKET, GEOTEXTILE	SQ YD	90	65	50	85	65	50	105	
619A004	30" ROADWAY PIPE END TREATMENT, CLASS 1	EA			1					
619A204	36" ROADWAY PIPE END TREATMENT, CLASS 1 (DOUBLE LINE)	EA								
619A207	48" ROADWAY PIPE END TREATMENT, CLASS 1 (DOUBLE LINE)	EA				1				
619A209	60" ROADWAY PIPE END TREATMENT, CLASS 1 (DOUBLE LINE)	EA								
619A266	48" ROADWAY PIPE END TREATMENT, CLASS 1 (FOUR LINE)	EA							1	
619A276	48" ROADWAY PIPE END TREATMENT, CLASS 1 (TRIPLE LINE)	EA								
619A308	54" ROADWAY PIPE END TREATMENT, CLASS 1 (TRIPLE LINE)	EA						1		
619B019	44" SPAN, 27" RISE ROADWAY PIPE END TREATMENT, CLASS 1	EA								
619B023	73" SPAN, 45" RISE ROADWAY PIPE END TREATMENT, CLASS 1	EA	1							
619B271	59" SPAN, 36" RISE ROADWAY PIPE END TREATMENT, CLASS 1 (DOUBLE LINE)	EA		1						
619B299	44" SPAN, 27" RISE ROADWAY PIPE END TREATMENT, CLASS 1 (TRIPLE LINE)	EA								
619B318	44" SPAN, 27" RISE ROADWAY PIPE END TREATMENT, CLASS 1 (FOUR LINE)	EA					2			
620A000	MINOR STRUCTURE CONCRETE	CU YD	10	9	7	10		12	11	
631C000	STEEL BEAM GUARDRAIL, CLASS A, TYPE 1 RESET	LF								
631E003	GUARDRAIL END ANCHOR, TYPE 13 RESET	EA								
650A000	TOPSOIL	CU YD	20	30	20	60	20	20	16	
652A100	SEEDING	ACRE	0.1	0.1	0.1	0.2	0.1	0.1	0.1	
654A001	SOLID SODDING (BERMUDA)	SQ YD	14	20	22	14	20	25	26	
665J002	SILT FENCE	LF	190	220	270	310	190	240	190	305, 500
665L000	FLOATING BASIN BOOM	LF								
665O001	SILT FENCE REMOVAL	LF	190	220	270	310	190	240	190	305, 500
665Q002	WATTLE	LF	100	100	100	200	100	100	100	
680A001	GEOMETRIC CONTROLS	LS								
701B100	ROADWAY TRAFFIC STRIPE SCHEME	LS								701
742A003	PORTABLE CHANGEABLE MESSAGE SIGN, TYPE 3	EA								
740A000	TRAFFIC CONTROL SCHEME	LS								702

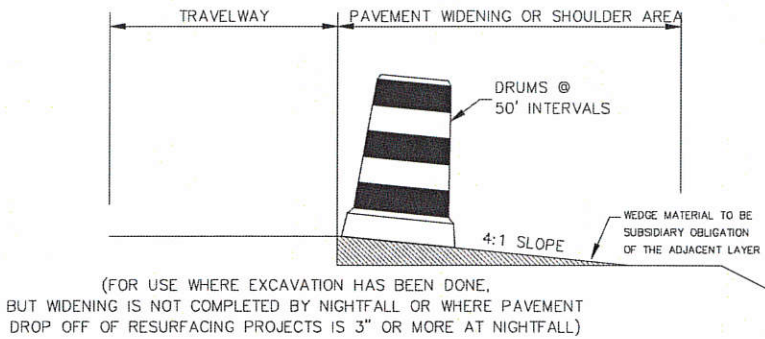
SUMMARY OF QUANTITIES

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
BCP#0218014	2016	3B

ITEM	DESCRIPTION	UNIT	BC300-043	BC300-121	BC300-246	BC300-248	BC300-283	PROJECT NOTES
206C023	REMOVING RIP RAP	SQ YD						401
206D000	REMOVING PIPE	LF	28	32	36	50	80	300
206E000	REMOVING HEADWALLS	EA						301
210A000	UNCLASSIFIED EXCAVATION	CU YD	300	330	140	160	440	301, 302
210C000	MUCK EXCAVATION & REMOVAL	CU YD	60	40		30	30	
210D022	BORROW EXCAVATION (LOOSE TRUCKBED MEASUREMENT)(A-2-4(0) OR A-4(0)	CU YD	300	330	140	160	440	
214B001	FOUNDATION BACKFILL, COMMERCIAL	CU YD	30	30	30	30	30	
215B000	COFFERDAMS OR SHEETING AND SHORING,	EA	1	1			1	
230A000	ROADBED PROCESSING	RBST	1.5	1.5	1.5	1.5	1.5	201
301A012	CRUSHED AGGREGATE BASE COURSE, TYPE B, PLANT MIXED, 6" COMPACTED THICKNESS	SQ YD	340	320	60	60	95	
401A000	BITUMINOUS TREATMENT A	SQ YD			60	60	95	
424A340	SUPERPAVE BITUMINOUS CONCRETE WEARING SURFACE 1/2" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE A/B (220 LBS/SY)	TON			35	32	32	303
424B666	SUPERPAVE BITUMINOUS CONCRETE LOWER BINDER LAYER, 1" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE A/B (300 LBS/SY)	TON			48	44	44	
430B003	AGGREGATE SURFACING (ALDOT #57)	TON	25	25	25	25	25	304
502A000	STEEL REINFORCEMENT	LB	2494	1514		580	2287	
530A003	30" ROADWAY PIPE (CLASS 3 R.C.)	LF						
530A004	36" ROADWAY PIPE (CLASS 3 R.C.)	LF						
530A006	48" ROADWAY PIPE (CLASS 3 R.C.)	LF		120				
530A007	54" ROADWAY PIPE (CLASS 3 R.C.)	LF						
530A008	60" ROADWAY PIPE (CLASS 3 R.C.)	LF						
530B003	36" SPAN, 23" RISE ROADWAY PIPE (CLASS 3 R.C.)	LF						
530B004	44" SPAN, 27" RISE ROADWAY PIPE (CLASS 3 R.C.)	LF			40	40		
530B006	59" SPAN, 36" RISE ROADWAY PIPE (CLASS 3 R.C.)	LF					120	
530B008	73" SPAN, 45" RISE ROADWAY PIPE (CLASS 3 R.C.)	LF	64					
600A000	MOBILIZATION	LS						
610C001	LOOSE RIPRAP, CLASS 2	TON	75	85	50	40	50	
610D003	FILTER BLANKET, GEOTEXTILE	SQ YD	75	85	50	40	50	
619A004	30" ROADWAY PIPE END TREATMENT, CLASS 1	EA						
619A204	36" ROADWAY PIPE END TREATMENT, CLASS 1 (DOUBLE LINE)	EA						
619A207	48" ROADWAY PIPE END TREATMENT, CLASS 1 (DOUBLE LINE)	EA						
619A209	60" ROADWAY PIPE END TREATMENT, CLASS 1 (DOUBLE LINE)	EA						
619A266	48" ROADWAY PIPE END TREATMENT, CLASS 1 (FOUR LINE)	EA						
619A276	48" ROADWAY PIPE END TREATMENT, CLASS 1 (TRIPLE LINE)	EA		1				
619A308	54" ROADWAY PIPE END TREATMENT, CLASS 1 (TRIPLE LINE)	EA						
619B019	44" SPAN, 27" RISE ROADWAY PIPE END TREATMENT, CLASS 1	EA			2	1		
619B023	73" SPAN, 45" RISE ROADWAY PIPE END TREATMENT, CLASS 1	EA						
619B271	59" SPAN, 36" RISE ROADWAY PIPE END TREATMENT, CLASS 1 (DOUBLE LINE)	EA						
619B299	44" SPAN, 27" RISE ROADWAY PIPE END TREATMENT, CLASS 1 (TRIPLE LINE)	EA						
619B318	44" SPAN, 27" RISE ROADWAY PIPE END TREATMENT, CLASS 1 (FOUR LINE)	EA						
620A000	MINOR STRUCTURE CONCRETE	CU YD	19	12		5	18	
631C000	STEEL BEAM GUARDRAIL, CLASS A, TYPE 1 RESET	LF						
631E003	GUARDRAIL END ANCHOR, TYPE 13 RESET	EA						
650A000	TOPSOIL	CU YD	20	30	20	20	40	
652A100	SEEDING	ACRE	0.1	0.1	0.1	0.1	0.1	
654A001	SOLID SODDING (BERMUDA)	SQ YD	25	16	14	15	23	
665J002	SILT FENCE	LF	200	200	230	210	200	305, 500
665L000	FLOATING BASIN BOOM	LF						
665O001	SILT FENCE REMOVAL	LF	200	200	230	210	200	305, 500
665Q002	WATTLE	LF	100	100	100	100	100	
680A001	GEOMETRIC CONTROLS	LS						
701B100	ROADWAY TRAFFIC STRIPE SCHEME	LS						701
742A003	PORTABLE CHANGEABLE MESSAGE SIGN, TYPE 3	EA						
740A000	TRAFFIC CONTROL SCHEME	LS						702

TEMPORARY TRAFFIC CONTROL PLAN

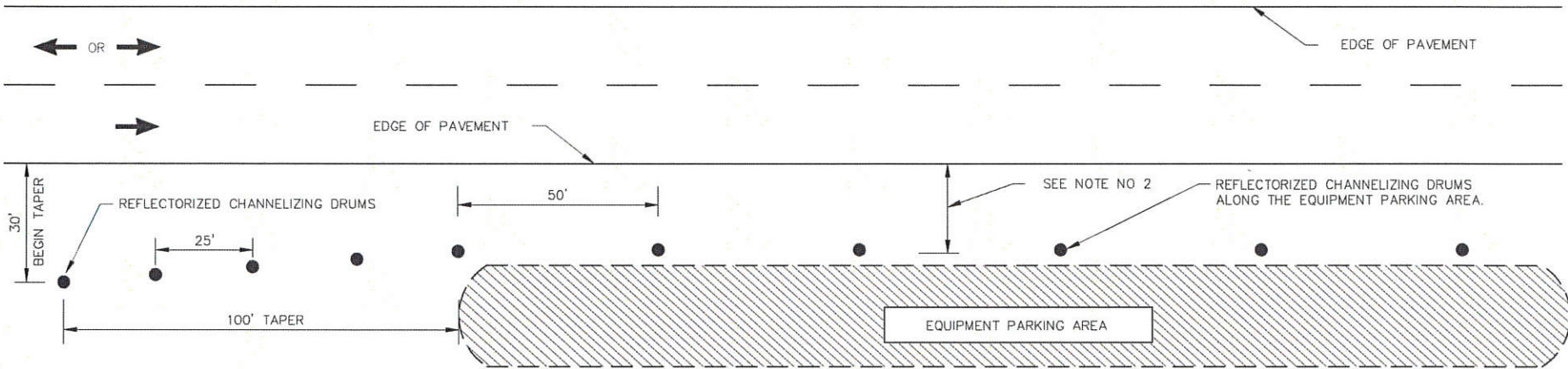
REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
BCP0218014	2016	37



TYPICAL FOR DROP-OFF AT EDGE OF PAVEMENT

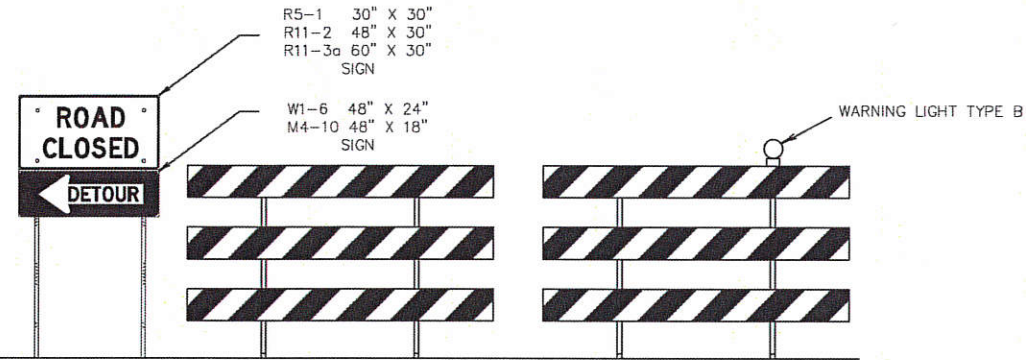
NOTE: THE CONTRACTOR IS TO CONSTRUCT A WEDGE OF UNCLASSIFIED EXCAVATION OR CRUSHED AGGREGATE BASE. THE COST OF PLACING AND REMOVAL SHALL BE A SUBSIDIARY OBLIGATION OF THE ADJACENT LAYER.

CHANNELIZING DRUMS SHALL BE PLACED AT 50 FT INTERVALS.

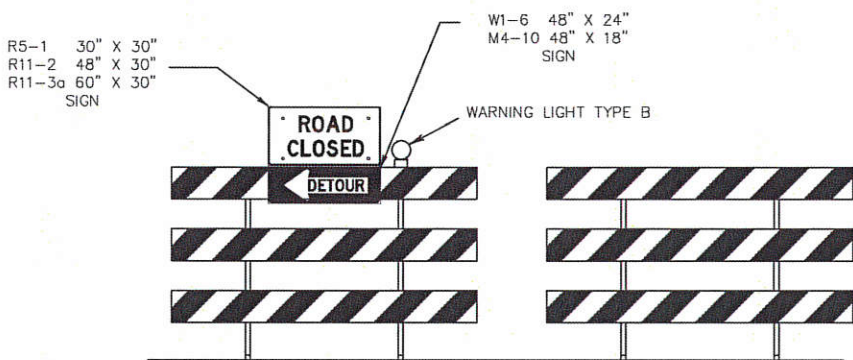


- NOTES:
- SEE ALDOT'S GENERAL TRAFFIC CONTROL PLAN NOTE NO. 702.
 - DRUMS TO BE AS FAR AS PRACTICAL FROM EDGE OF PAVEMENT, MINIMUM DESIRABLE DISTANCE IS 15 FEET FOR FREEWAY TYPE FACILITIES AND 10 FEET FOR OTHER FACILITIES. FOR UNUSUAL CONDITIONS, SUCH AS SPECIAL EQUIPMENT OR LIMITED AVAILABLE SPACE, DIMENSIONS LESS THAN DESIRABLE SHALL BE AS DIRECTED BY THE ENGINEER.
 - ALL DEVICES TO BE FURNISHED BY THE CONTRACTOR WITHOUT COST TO THE ALDOT.

DELINEATING DETAIL FOR EQUIPMENT PARKING OR STORING AREA



DETAILS FOR TYPICAL PLACEMENT OF TYPE III BARRICADES INSIDE OF CLEAR ZONE



DETAILS FOR TYPICAL PLACEMENT OF TYPE III BARRICADES OUTSIDE OF CLEAR ZONE

NOTES

- SLOPE OF STRIPES ON BARRICADES SHALL BE IN ACCORDANCE WITH SECTION 6F.68 OF THE MUTCD AND DRAWING B-107-2.
- IF SIGNS ARE REQUIRED TO BE USED IN CONJUNCTION WITH TYPE III BARRICADES TO BE PLACED INSIDE THE CLEAR ZONE, THEY SHALL BE POST MOUNTED TO THE SIDE OF THE BARRICADES AS SHOWN.
- IF ROAD CLOSED OR DETOUR SIGNS ARE REQUIRED TO BE USED WITH TYPE III BARRICADES TO BE PLACED OUTSIDE THE CLEAR ZONE, THEY SHALL BE PLACED ON THE TOP OF THE BARRICADES NEAREST THE DETOUR.

SEQUENCE OF CONSTRUCTION

- 703 CONTRACTOR WILL BEGIN WORK ON SITES BC300-014, BC300-231, & BC300-024 FIRST TO ENSURE SITES ARE COMPLETED AS EXPEDITIOUSLY AS POSSIBLE FOLLOWING THE NOTICE TO PROCEED.

--SPECIFICATIONS--		
CURRENT ALABAMA DEPARTMENT OF TRANSPORTATION		
THIS DRAWING REPRESENTS DESIGNS PREPARED FOR USE BY THE ALABAMA DEPARTMENT OF TRANSPORTATION AND IS NOT TO BE COPIED, REPRODUCED, ALTERED, OR USED BY ANYONE, OR ANY ORGANIZATION, WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ALABAMA DEPARTMENT OF TRANSPORTATION REPRESENTATIVE AUTHORIZED TO APPROVE THIS USE. ANYONE MAKING UNAUTHORIZED USE OF THIS DRAWING MAY BE PROSECUTED TO THE FULLEST EXTENT OF THE LAW.		
REVISIONS	ALABAMA DEPARTMENT OF TRANSPORTATION 1409 COLISEUM BOULEVARD MONTGOMERY, AL 36130-3050 DESIGN BUREAU SPECIAL DRAWING	
STANDARD DETAILS FOR TRAFFIC CONTROL PLANS		
DRAWN BY: 9/8/2014	SPECIAL DRAWING NO. SPECIAL PROJECT DETAIL	INDEX NO. 2001

NOT TO SCALE

SHEET TITLE	ROUTE
TRAFFIC CONTROL PLAN	